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UTILITY "PATENT APPLICATION **TRANSMITTAL**

Attorney Docket No.

500580.08

July 1, 2003

First Inventor or Application Identifier

Mark A. Moehring

DOPPLER ULTRASOUND METHOD AND APPARATUS FOR MONITORING BLOOD FLOW

for nonprovisional applications under 37 CFR § 1.53(b)) Express Mai		il Label No.	EL 872099973 US				
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.			ADDR	Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450			
1.	Fee Transmittal Sheet (+ copy) (Submit an original and a duplicate for fee proces	ssina)		CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)			
2.	Applicant(s) Claim(s) Small Entity Status	<i>3,</i>	8.	Nucleotide and/or Amino Acid Sequence Submission			
3.	Specification [Total Pages] (preferred arrangement set forth below)	39	a. [Computer-Readable Form (CRF)			
	 Descriptive Title of the Invention Cross References to Related Applications Statement Regarding Fed sponsored R & 		b. [i. [] CD-ROM or CD-R (2 copies); or ii. [] paper			
	 Reference to Microfiche Appendix Background of the Invention 	,	c.	Statement verifying identity of above copies			
	- Brief Summary of the Invention			COMPANYING APPLICATION PARTS			
	Brief Description of the Drawings (if filed)Detailed Description		9(Certification Under 35 U.S.C. 122(b)(2)(B)(i)			
	- Claim(s) - Abstract of the Disclosure	ı	10.	Assignment Papers (cover sheet & document(s))			
4.	X Drawing(s) (35 USC 113) [Total Sheets]	16		37 CFR 3.73(b) Statement Power of Attorney (when there is an assignee)			
5.	X Oath or Declaration [Total Pages]	2	12. E	English Translation Document (if applicable)			
	a. Newly executed (original or copy)		13. X F	Preliminary Amendment Total Pages 2			
	b. Copy from a prior application (37 CFR (for continuation/divisional with Box 18 corr	1.63(d)) pleted)	14. X F	Return Receipt Postcard			
	i. DELETION OF INVENTOR(S) Signed statement attached deleti			nformation Disclosure Copies of IDS Citations Statement (IDS)/PTO-1449			
	inventor(s) named in the prior ap see 37 CFR 1.63(d)(2) and 1.33(16.	Certified Copy of Priority Document(s) if foreign priority is claimed)			
6.	Application Data Sheet (37 C.F.R. 1.76)		17. X	Other: Certificate of Express Mail;			
				Copy of Rev and Subst POA			
18.	18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment						
	X Continuation Divisional Continuation-In-Part (CIP) of prior Application No.: 09/595,323 Filed June 16, 2000						
	Prior application information: Examiner Ali Imam	<u> </u>		Group / Art Unit 3737			
X	Incorporation By Reference (useable if box 5b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein.						
	Claims the benefit of Provisional Application No.						
CORRESPONDENCE ADDRESS							
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SIGNATURE 1010 0712 70201

Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Mark A. Moehring

Attorney Docket No.: 500580.08

Filed

: July 1, 2003

Title

: DOPPLER ULTRASOUND METHOD AND APPARATUS FOR MONITORING

BLOOD FLOW

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

MAIL STOP PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

I hereby certify that the enclosures listed below are being deposited with the United States Postal Service "EXPRESS MAIL Post Office to Addressee" service under 37 C.F.R. § 1.10, Mailing Label Certificate No. EL 872099973 US, on July 1, 2003, addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Respectfully submitted,

DORSEY & WHITNEY LLP

/ for West Courier

KNE:sem

Enclosures:

Process Italian

PTO/SB/05 Utility Patent Application Transmittal

Application Data Sheet

Preliminary Amendment

Specification, Claims, Abstract (39 pages)

16 Sheets of Drawings (Figures 1-16)

Copy of Declaration and Power of Attorney

Copy of Revocation and Substitute Power of Attorney